

25X1A

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MISSION DATA

1. DATE OF MISSION MAY 2, 1962
2. MISSION NR. 3078
3. SYSTEM SERIAL NR. 44
4. RECORDER NR. 748
5. AIRCRAFT NR. 342
6. PRE-FLIGHT REMARKS: 15 SEC LOCK-ON

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/s/

7. RAMP CHECK IDENTIFICATION

Signal modulated with LKC (readings in micro-volts)

TRACK 1				TRACK 2				TRACK 3			
RCVR "B"	BAND 3	114mc	<u>9</u>	RCVR "A"	BAND 1	102mc	<u>10</u>	RCVR "C"	BAND 2	108mc	<u>5</u>
" "	" "	5	125mc	<u>8</u>	" "	" "	7	136mc	<u>9</u>	" "	4
" "	" "	8	142mc	<u>9</u>	" "	" "	9	147mc	<u>6</u>	" "	6

INITIALS: TLD

8. POST FLIGHT REMARKS: ALL RECEIVERS SEARCHING

9. SERIAL NUMBERS OF BOARDS USED:

PREAMP 44 . RF "A" 45 . RF "B" 21 . RF "C" 1 .

RECEIVER "A" 3rd "LO" 45 . I-F 131 . 2nd "LO" 95 .

" "C" 3rd "LO" 176 . I-F 220 . 2nd "LO" 170 .

" "B" 3rd "LO" 172 . I-F 255 . 2nd "LO" 71 .

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## MISSION PRE-FLIGHT DATA

(BENCH CHECK)

MISSION STATUS: 30 78DATE: MAY 2, 1962RECEIVER NR.: 44SENSITIVITY (MICRO-VOLTS)

BAND	RECEIVER	FREQUENCY	PRE-FLIGHT	POST-FLIGHT
1	A	100.0	45	35
		102.8	46	35
		105.6	49	35
2	C	105.6	21	20
		108.4	24	18
		111.2	58	50
3	B	111.2	15	16
		114.0	59	50
		116.8	60	60
4	C	116.8	60	60
		119.6	36	30
		122.4	56	50
5	B	122.4	58	55
		125.2	48	40
		128.0	25	20
6	C	128.0	22	25
		130.8	16	12
		133.6	26	30
7	A	133.6	58	45
		136.4	48	30
		139.2	28	25
8	B	139.2	60	50
		142.0	59	50
		144.8	45	40
9	A	144.8	60	50
		147.6	43	35
		150.4	39	30

REMARKS:

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PERFORMANCE DATA

MISSION 3078

CHASSIS NR. 44

SYSTEM [REDACTED] 25X1A

RECORDER NR. 748

ARTICLE 742

DATE MAY 8, 1962

PREFLIGHT MAY 1, 1962  
(DATE)

SENSITIVITY CHECK ATTACHED

(SIGNED)

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RECORDER PERFORMANCE FAIR

SPOT CHECK OF INDIVIDUAL RECEIVER PERFORMANCE

RECEIVER "A" MANY SIGNALS

RECEIVER "B" " "

RECEIVER "C" " "

COMMENTS SPOT INDICATES MANY SIGNALS ON  
ALL RECEIVERS

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/B/

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ELINT MISSION DATA

MISSION NR. 3078

DATE 2 MAY 62

TAKE-OFF TIME 0955Z

LANDING TIME 1855Z

A.C. GEN. SWITCH ON 0956Z, OFF 1820Z

SYSTEM SWITCH ON 0955Z, OFF 0956 1855Z

REMARKS SYSTEM OFF 1815 WHILE USING BEACON

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SIGNALS ON ALL BANDS, CHECK  
OF TAPE INDICATES GOOD MISSION.

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SPOT CHECK INDICATES MANY SIGNALS ON  
ALL RECEIVERS.

OTHERS

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/s/

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1. ACFT # 342  
 3. MISSION # 2078  
 5. MASTER RECORDER # 701  
 7. TIMER 30 SEC.  
 9. JUNCTION BOX # 103  
 11. INFO. AMP. # "X" 131  
 13. INFO. AMP. # "L" 141  
 15. INFO. AMP. # "P" 225  
 17. INFO. AMP. # "S" 146  
 19. POWER SUPPLY 118  
 2. PREFLIGHT DATE 27 April 62  
 4. MISSION DATE 2 MAY 62  
 6. SLAVE RECORDER # 735  
 8. TIMER # 163  
 10. CONTROL HEAD # 162  
 12. RAMBO # 1601  
 14. FILTER UNIT "L" 300 KMC HP 2 KMC LP  
 16. H.R.B. # 15 HRB P.S. # 8 KMC  
 18. FILTER UNIT "S" 2 KMC HP 8 KMC LP  
 20. POWER SUPPLY 122

## 21. "X" BAND

GENERATOR: FREQ: 10.5 KMC  
 PPS: 1500  
 P.W.: 5 USEC

NOISE: LEFT 25 MV RIGHT 15 MV  
 T/S: LEFT 63 DBM RIGHT 58 DBM  
 SAT: LEFT 23 DBM RIGHT 15 DBM  
 VOLTS: LEFT 12 RIGHT 13  
 10 DB/TS RECORDED ONE MIN.  
 INDEXED: LEFT ✓ RIGHT ✓

RECORDING TRACK: ONE-SLAVE

## 22. "L" BAND

GENERATOR: FREQ: 420 MC  
 PPS: 1500  
 P.W.: 5 USEC

NOISE: 200 MV  
 T/S: LEFT 56 DBM RIGHT 50 DBM  
 SAT: LEFT 37 DBM RIGHT 25 DBM  
 VOLTS: LEFT 14 RIGHT 11  
 10 DB/TS RECORDED ONE MIN.  
 INDEXED: LEFT ✓ RIGHT ✓

RECORDING TRACK: THREE-SLAVE

## 23. "P" BAND

GENERATOR: FREQ: 150 MC  
 PPS: 1000  
 P.W.: 5 USEC

NOISE: 25 MV  
 T/S: 66 DBM  
 SAT: 24 DBM @ 13 VOLT  
 10 DB/TS RECORDED ONE MIN.  
 INDEXED: ✓

RECORDING TRACK: ONE-MASTER

## 24. "S" BAND

GENERATOR: FREQ: 7.0 KMC  
 PPS: 1000  
 P.W.: 5 USEC

NOISE: 160 MV  
 T/S: LEFT 45 DBM RIGHT 43 DBM  
 SAT: LEFT 27 DBM RIGHT 14 DBM  
 VOLTS: LEFT 14 RIGHT 12  
 10 DB/TS RECORDED ONE MIN.  
 INDEXED: LEFT ✓ RIGHT ✓

RECORDING TRACK: THREE-MASTER

## 25. RECORDER CLOCK TRACK

ONE K.C.: MASTER ✓ SLAVE ✓  
 THREE K.C.: MASTER ✓ SLAVE ✓

## 26. POST FLIGHT SENSITIVITIES

"X" BAND ✓ DBM "L" BAND ✓ DBM  
 "P" BAND ✓ DBM "S" BAND ✓ DBM

## 27. ADDITIONAL REMARKS

ILLEGIB

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SIGNED:                     

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ELINT PERFORMANCE REPORT

MISSION 3078

SYSTEM [REDACTED] 25X1A

RECORDER PERFORMANCE

MASTER 701 VERY GOOD

SLAVE 135 VERY GOOD

SPO: CHECK OF INDIVIDUAL BAND PERFORMANCE

P BAND GOOD SIG NEAR CENTER OF

TAPE EXCELLENT TAKE

L BAND VERY ACTIVE, EXCELLENT

S BAND VERY ACTIVE, EXCELLENT

X BAND SOME SIG NOTED IN SPOT  
CHECK, GOOD TAKE.

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SIGNER [REDACTED]

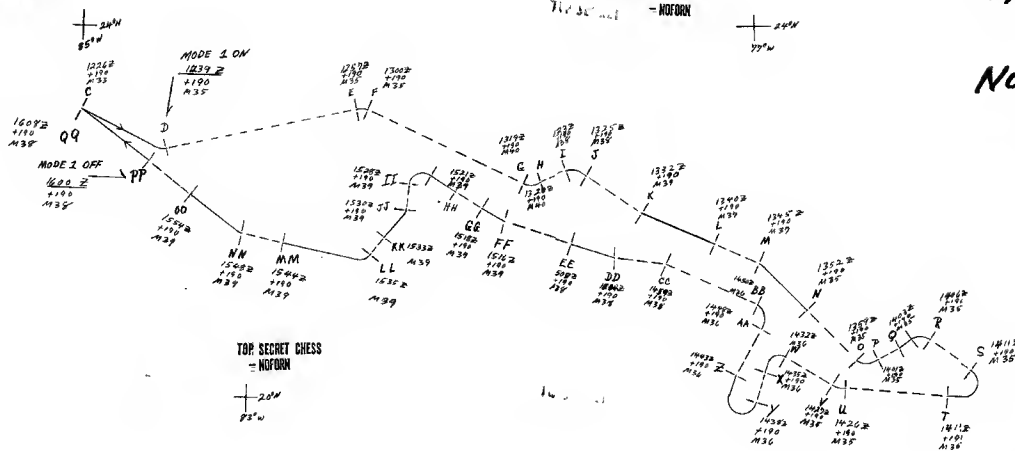
# 3078

TOP SECRET CRESS  
= NOFORN

TOP SECRET CRESS  
= NOFORN

MSN 3078  
T/S NBR - 160982

NO KNOWN ROUTE  
deviation



TOP SECRET CRESS  
= NOFORN

TOP SECRET CRESS  
= NOFORN